

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
 Data File : VY010715.D
 Acq On : 28 Sep 2022 14:43
 Operator : KP/MD
 Sample : N4844-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-092622

Quant Time: Sep 29 01:13:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

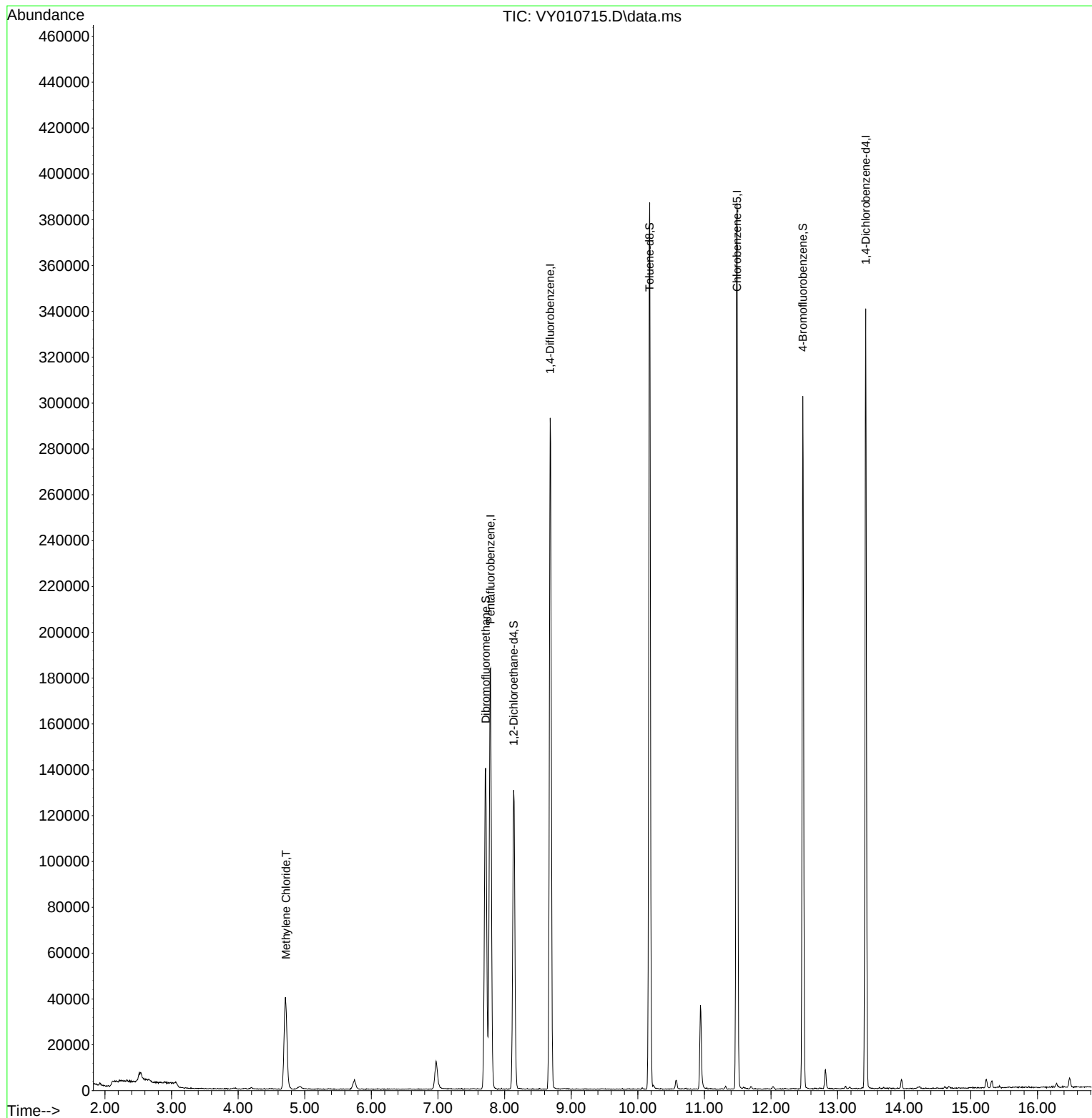
Internal Standards						
1) Pentafluorobenzene	7.789	168	141056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	255137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	213153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102710	76.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.260%
35) Dibromofluoromethane	7.716	113	100078	61.462	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.920%
50) Toluene-d8	10.179	98	258029	43.323	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.640%
62) 4-Bromofluorobenzene	12.477	95	89488	39.502	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.000%
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	30472	11.725	ug/l	85

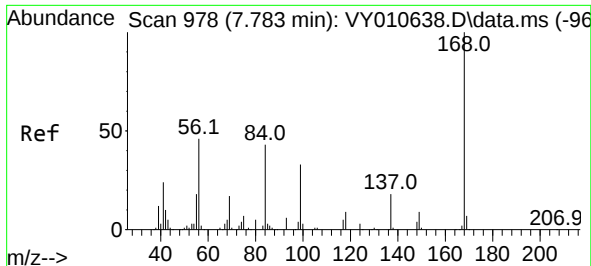
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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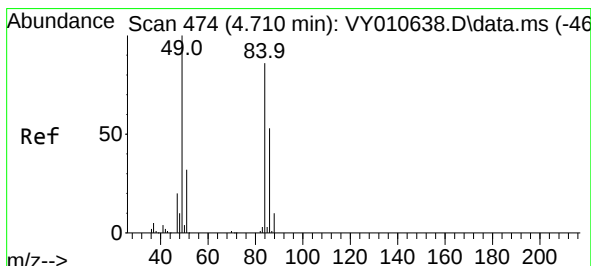
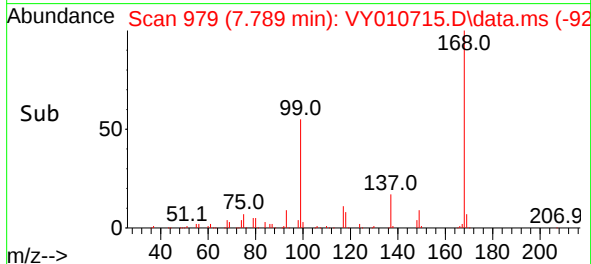
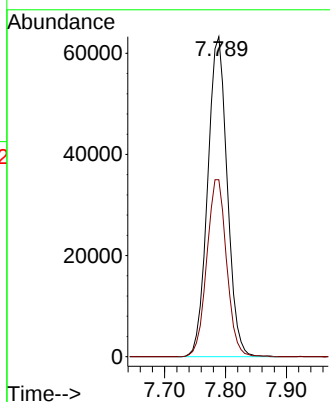
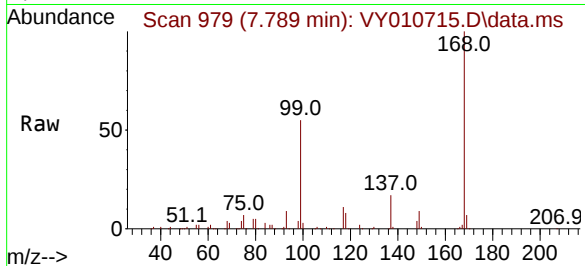




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010715.D
Acq: 28 Sep 2022 14:43

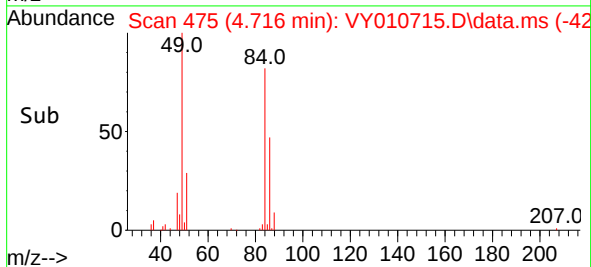
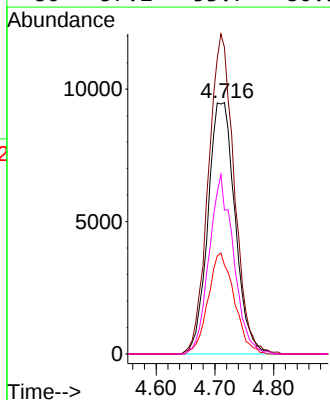
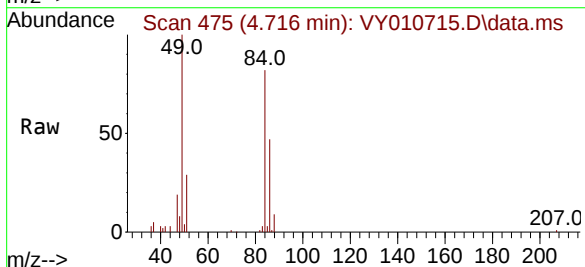
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-092622

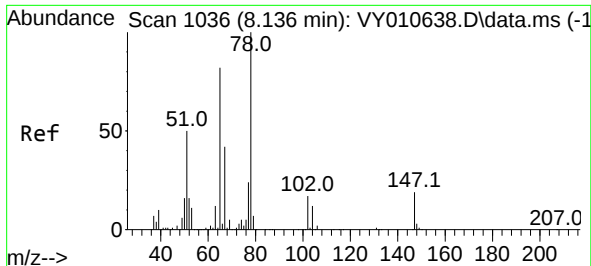
Tgt Ion:168 Resp: 141056
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#20
Methylene Chloride
Concen: 11.725 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY010715.D
Acq: 28 Sep 2022 14:43

Tgt Ion: 84 Resp: 30472
Ion Ratio Lower Upper
84 100
49 122.0 114.4 171.6
51 35.3 35.3 52.9
86 57.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 76.128 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010715.D

Acq: 28 Sep 2022 14:43

Instrument :

MSVOA_Y

ClientSampleId :

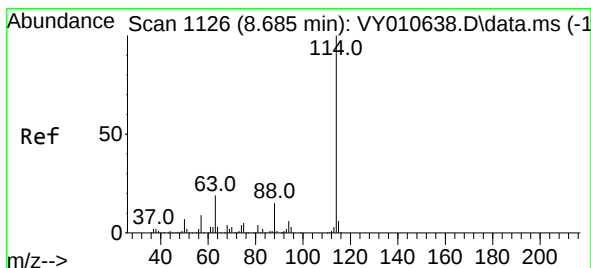
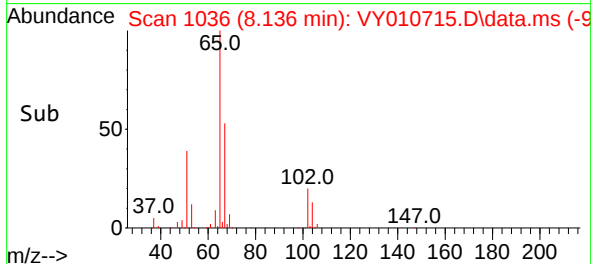
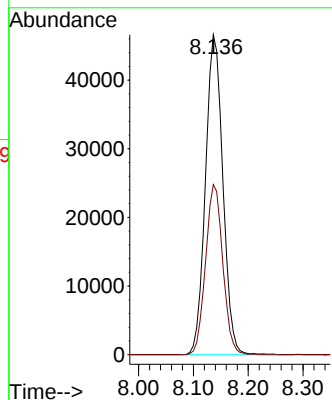
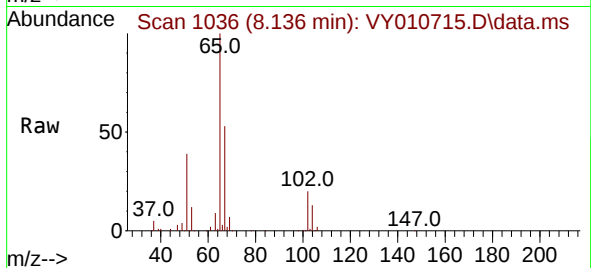
SU-04-092622

Tgt Ion: 65 Resp: 102710

Ion Ratio Lower Upper

65 100

67 52.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010715.D

Acq: 28 Sep 2022 14:43

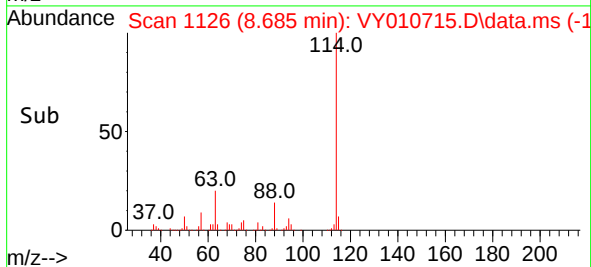
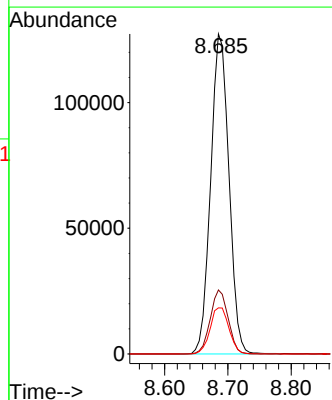
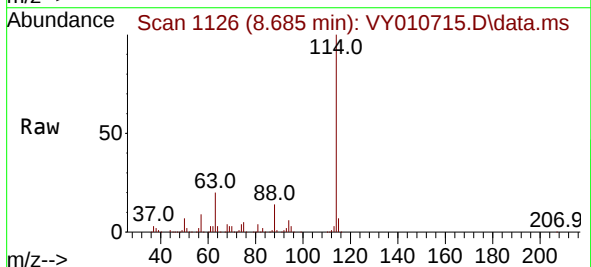
Tgt Ion: 114 Resp: 255137

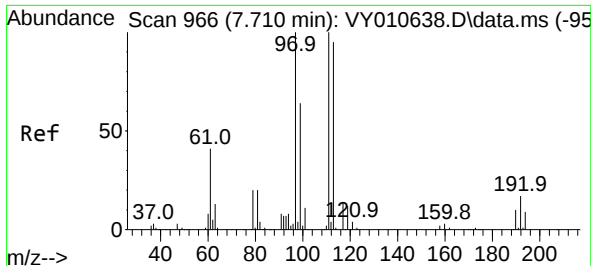
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 14.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 61.462 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY010715.D

Acq: 28 Sep 2022 14:43

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-092622

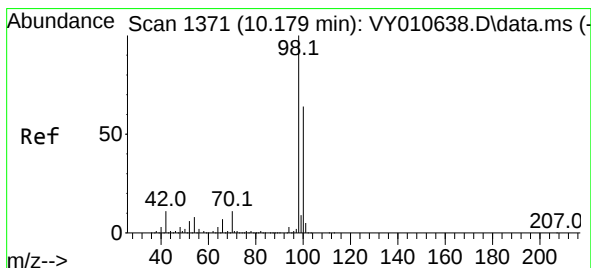
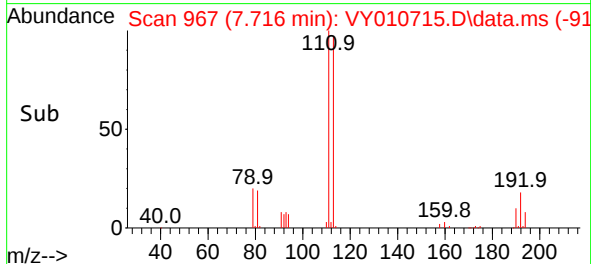
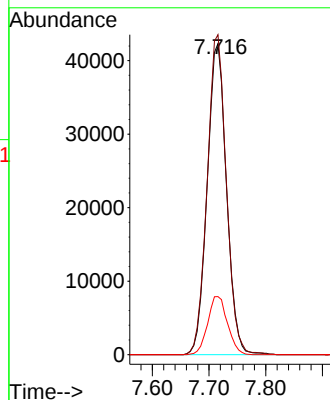
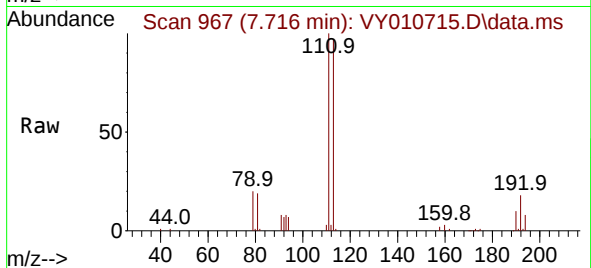
Tgt Ion:113 Resp: 100078

Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 19.2 17.6 26.4



#50

Toluene-d8

Concen: 43.323 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY010715.D

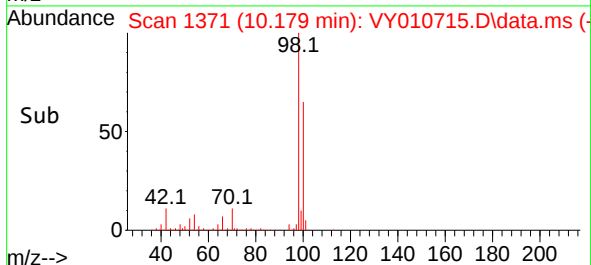
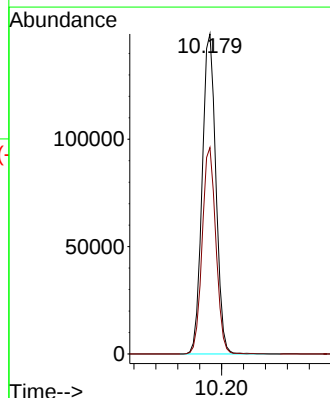
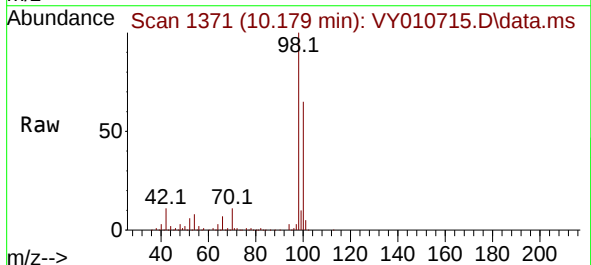
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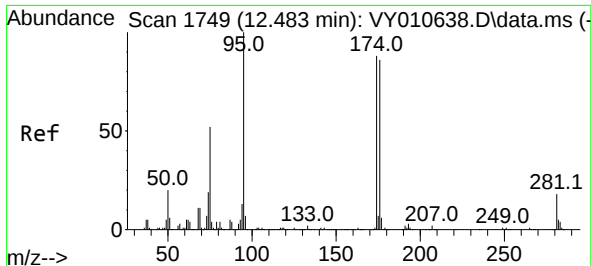
Tgt Ion: 98 Resp: 258029

Ion Ratio Lower Upper

98 100

100 64.5 50.2 75.2

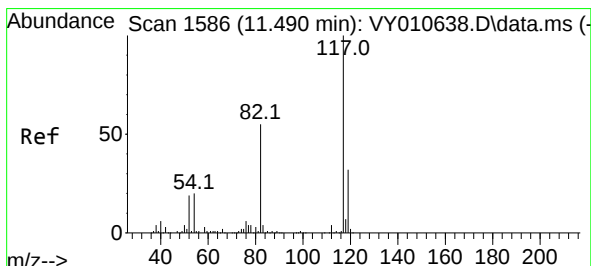
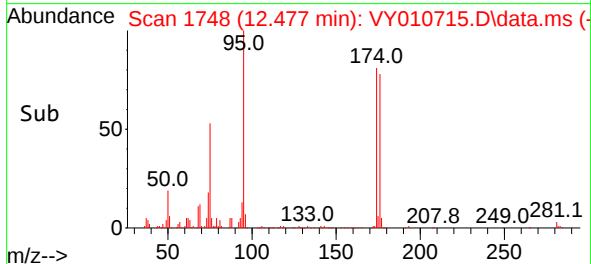
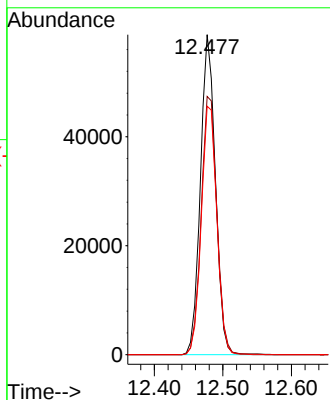
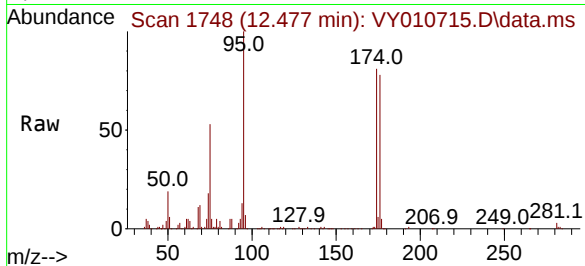




#62
4-Bromofluorobenzene
Concen: 39.502 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010715.D
Acq: 28 Sep 2022 14:43

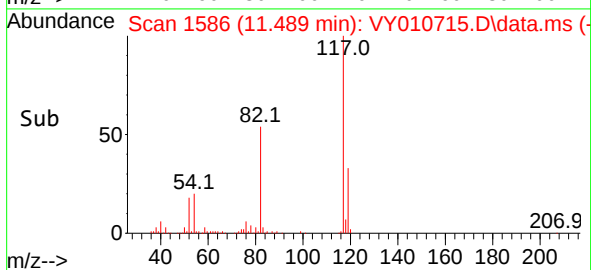
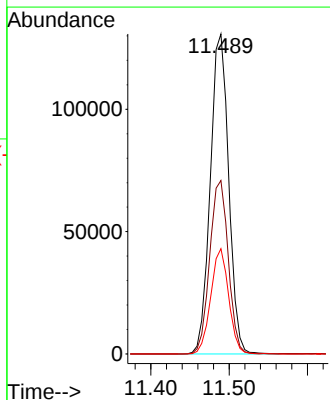
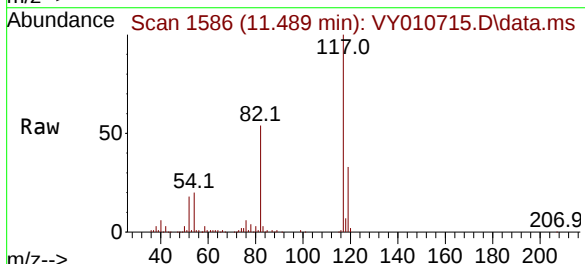
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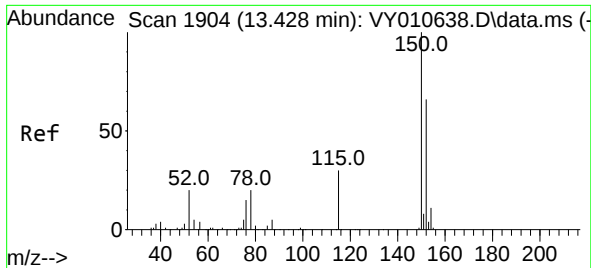
Tgt Ion: 95 Resp: 89488
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 80.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010715.D
Acq: 28 Sep 2022 14:43

Tgt Ion: 117 Resp: 213153
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010715.D

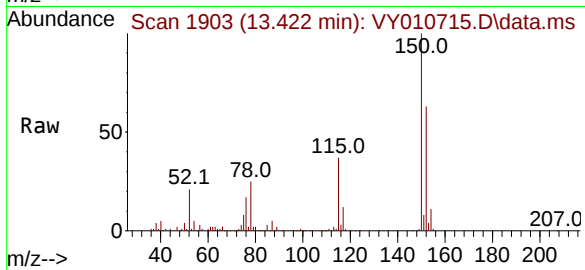
Acq: 28 Sep 2022 14:43

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-092622



Tgt Ion:152 Resp: 85045

Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 158.3 0.0 347.6

